

Preliminary Draft - Do Not Cite or Quote

List of Top 25 NOx Sources in the San Joaquin Valley Air Basin

Rankings		Summer Emissions:	1999		2010	
1999	2010	SOURCE CATEGORY	NOx (tpd)	% of Total	NOx (tpd)	% of Total
1	1	HEAVY DUTY DIESEL TRUCKS	104.4	18.5%	77.8	18.7%
2	2	FARM EQUIPMENT*	84.8	15.0%	54.9	13.2%
7	3	MANUFACTURING AND INDUSTRIAL	35.9	6.4%	39.7	9.6%
8	4	AGRICULTURAL IRRIGATION PUMPS*	28.3	5.0%	35.3	8.5%
4	5	OFF-ROAD EQUIPMENT	51.8	9.2%	34.5	8.3%
6	6	OIL AND GAS PRODUCTION (COMBUSTION)	40.6	7.2%	30.4	7.3%
3	7	LIGHT AND MEDIUM DUTY TRUCKS	58.7	10.4%	27.3	6.6%
5	8	LIGHT DUTY PASSENGER	42.7	7.5%	15.9	3.8%
10	9	SERVICE AND COMMERCIAL	13.5	2.4%	14.4	3.5%
9	10	TRAINS	19.9	3.5%	10.8	2.6%
11	11	GLASS AND RELATED PRODUCTS	12.0	2.1%	10.1	2.4%
14	12	FOOD AND AGRICULTURE (INDUSTRIAL PROCESSES)	9.3	1.6%	8.1	1.9%
12	13	HEAVY DUTY GAS TRUCKS	11.1	2.0%	7.2	1.7%
13	14	COGENERATION	11.0	1.9%	6.3	1.5%
16	15	RECREATIONAL BOATS	3.5	0.6%	5.3	1.3%
19	16	AIRCRAFT	3.3	0.6%	3.9	1.0%
15	17	FOOD AND AGRICULTURAL PROCESSING (COMBUSTION)	3.9	0.7%	3.6	0.9%
17	18	HEAVY DUTY DIESEL URBAN BUSES	3.5	0.6%	3.5	0.8%
20	19	ELECTRIC UTILITIES	3.1	0.6%	3.1	0.7%
18	20	RESIDENTIAL FUEL COMBUSTION	3.3	0.6%	3.0	0.7%
23	21	SCHOOL BUSES	1.9	0.3%	2.4	0.6%
24	22	PETROLEUM REFINING (COMBUSTION)	1.5	0.3%	2.4	0.6%
21	23	AGRICULTURAL BURNING*	2.4	0.4%	2.3	0.5%
25	24	MINERAL PROCESSES	1.5	0.3%	1.7	0.4%
22	25	MOTOR HOMES	1.9	0.3%	1.7	0.4%
		TOTAL OF TOP 25	553.6	97.9%	405.6	97.7%
* (These categories will be affected by the proposed growth changes based on DWR Bulletin 160)						
This inventory taken from CEIDARS (January 2003), OFFROAD Model (September 2002) and EMFAC 2002 v. 2.2 (September 2002)						
Shared on 'Cluster_usersa_server\Usersa\Ptsd\Branch\Eib\1-EIA section\CTaylor\Ag Advisory Materials\Top 25 SJV (January 2003).xls						

January 22, 2003 - ARB